

**PSR DEPLYMENT AND RETRIEVAL FIELD NOTES**

SITE	Transect Number	Insertion Date	Insertion Time (24 hr)	Insertion Depth	Substrate Characteristics
PSR1	3	3/14/2018*	11:02	Full	20% Cobble 80% Pebble
PSR2	2	3/14/2018*	10:05	Full	20% Cobble 75% Pebble 5% Sand
PSR3	1	3/13/2018	11:07	Full	95% Pebble 5% Sand
PSR4	2	3/14/2018*	10:08	Full	5% Cobble 85% Pebble 10% Sand
PSR5	1	3/13/2018	11:13	Full	95% Pebble 5% Sand
PSR6	3	3/14/2018*	11:05	Full	10% Cobble 80% Pebble 10% Sand
PSR7	3	3/14/2018*	11:09	Full	60% Pebble 40% Sand
PSR8	2	3/14/2018*	10:35	Full	95% Pebble 5% Sand
PSR9	1	3/13/2018	11:22	Refusal	10% Boulders 15% Cobble 75% Pebble
PSR10	2	3/14/2018*	10:32	Full	5% Cobble 90% Pebble 5% Sand
PSR11	1	3/13/2018	11:16	1 foot to washer	2% Cobble 40% Pebble 58% Sand
PSR12	3	3/14/2018*	11:13	Full	95% Pebble 5% Sand
PSR13	6	3/14/2018*	12:12	14" to washer	5% Cobble 95% Pebble

PSR14	5	3/14/2018*	13:16	Full	5% Cobble 90% Pebble 5% Sand
PSR15	4	3/14/2018*	13:36	Full	10% Cobble 80% Pebble 10% Sand
PSR16	4	3/14/2018*	13:38	Full	95% Pebble 5% Sand
PSR17	5	3/14/2018*	13:14	Full	15% Cobble 75% Pebble 10% Sand
PSR18	6	3/14/2018*	12:08	1" from full	30% Pebble 70% Sand/silt
PSR19	7	3/14/2018*	11:40	Full	5% Cobble 90% Pebble 5% Sand
PSR20	7	3/14/2018*	11:35	Full	Sand/Silt
PSR21	6	3/14/2018*	12:05	Full	70% Pebble 30% Sand/silt
PSR22	5	3/14/2018*	13:09	Full	Sand/Silt
PSR23	4	3/14/2018*	13:33	Full	10% Cobble 90% Pebble
PSR24	7	3/14/2018*	11:47	Full	95% Pebble 5% Sand
PSR25	N/A	3/13/2018	11:53	Full	85% Pebble 15% Sand

\* Slate incorrectly states "3/13/2018"

\*\* Video shows SPME washer sliding on probe ... Divers had to tight

\*\*\* Slate noted sites in reverse order as placed by divers on deployr

PSR DEPLOYMENT			
Vegetation (Pres/Abs)	Observed Biota	Organic Matter (Pres/Abs)	Comments
Pres - 20% Algae cover	Barnacles Anenome	Abs	
Pres - Very Sparse Algae	Crabs Anenome	Abs	** Diver retightened Stopper in the correct location
Pres - Very Sparse Algae	Mussels	Abs	
Pres - 30% Algae cover	Barnacles	Abs	
Pres - 15% Algae cover	None	Abs	
Pres - 50% Algae cover	Barnacles Small Crabs	Abs	** Washer slid down ~6 inches and was not reajusted by diver
Pres - Filimentous on pebbles	Barnacles	Abs	
Pres - Filimentous on pebbles	Barnacles Sea cucumber	Abs	Refusal at selected location - Placed 15 feet back along transect line
Pres - Dense 80% Algae cover	Hydroids bivalves Sea Cucumber	Pres	Refusal at selected location. No attempt at relocating SPME
Pres - Dense 90% Algae cover	Barnacles	Abs	
Pres - Sparse Algae	Nudibranch Bivalves Shell cases	Abs	
Pres - 20% Algae cover	Barnacles	Abs	Refusal at location. Placed 40-50 feet back along transect
Pres - 40% Algae cover	Sea Star Crabs Barnacles Sea Cucumber	Abs	Refusal at location. Placed 25 feet back (NE) along transect

Pres - 60% Algae cover	Barnacles	Abs	
Pres - 30% Algae cover	Barnacles	Abs	** Diver retightened washer in the correct location
Pres - 60% Algae cover	Barnacles	Abs	SPME had Duct Tape instead of a metal washer. Video shows tape edge 3" above sediment
Pres - 30% Algae cover	Barnacles	Abs	
Pres - 20% Algae cover	Many Small Crabs Barnacles Sea Star	Abs	Old tire within two feet of SPME
Pres - 40% Algae cover	Sea Stars Anenome	Pres - Old rotten piling	
Pres - 20% Algae cover	Small Crabs	Abs	** Diver retightened washer in the correct location
Pres - 50% Algae cover	Nudibranch	Abs	
Pres - 30% Algae cover	Barnacles	Abs	
Pres - 70% Filimentous on pebbles	Sea Stars Barnacles	Abs	Refusal at location. Placed about 15 feet SW on transect SPME had Duct Tape instead of a metal washer
Pres - 20% Algae cover	Sea Stars Anenome	Abs	Refusal at location. Placed about one foot SW of PSR19
Pres - Sparse Algae	1 Aneome	Abs	** Diver attempted retighten washer ... was unsuccessful - washer appeared to be 4-6 inches lower than it should be on the SPME

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PSR RETIEV			
Retrieval Date	Retrieval Time (24 hr)	Insertion Depth	Water Depth (Feet)
3/28/2018	13:54	Full	34
3/28/2018	12:51	Full	42
3/28/2018***	11:31	3" to Washer	46
3/28/2018	12:59	Full	26
3/28/2018***	11:40	3" to washer	42
3/28/2018	14:03	Full - to washer	20
3/28/2018	14:10	Full	8
3/28/2018	N/A (13:13)	Out of Sediment	7
N/A	N/A	N/A	N/A
3/28/2018	13:07	Full	10
3/28/2018***	11:46	13" to Washer	30
3/28/2018	14:16	Full	8
3/29/2018	10:52	14" to washer	14

3/29/2018	10:14	Full	5
3/28/2018	15:25	Full	11
3/28/2018	15:15	3" to Tape	21
3/29/2018	10:09	Full	24
3/29/2018	10:48	Full	22
3/29/2018	11:26	Full	18
3/29/2018	11:21	Full	24
3/29/2018	10:44	Full	26
3/29/2018	10:02	Full	24
3/28/2018	15:08	Full	27
3/29/2018	11:28	Full	18
3/28/2018	11:52	Full	32

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Comments
SPME was higher than others set to full depth (13" to T-handle). Washer moved (slipped) down SPME during deployment resulting in a shallow insertion depth
SPME was laying on the sediment. May have been pulled out by someone

Winged nut washer was not on SPME when pulled.
Washer was loose when pulled from sediment